

Mr. G's little booklet on

Statistical Tables

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Issue 5.0

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Tbl.1	Cumulative Distribution Function $\Phi(z) - \Phi(0) = \int_{-\infty}^z \frac{1}{\sqrt{2\pi}} e^{-\frac{1}{2}t^2} dt$ rg ∞									
z	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.00	0.0000	0.0040	0.0080	0.0120	0.0160	0.0199	0.0239	0.0279	0.0319	0.0359
0.10	0.0398	0.0438	0.0478	0.0517	0.0557	0.0596	0.0636	0.0675	0.0714	0.0753
0.20	0.0793	0.0832	0.0871	0.0910	0.0948	0.0987	0.1026	0.1064	0.1103	0.1141
0.30	0.1179	0.1217	0.1255	0.1293	0.1331	0.1368	0.1406	0.1443	0.1480	0.1517
0.40	0.1554	0.1591	0.1628	0.1664	0.1700	0.1736	0.1772	0.1808	0.1844	0.1879
0.50	0.1915	0.1950	0.1985	0.2019	0.2054	0.2088	0.2123	0.2157	0.2190	0.2224
0.60	0.2257	0.2291	0.2324	0.2357	0.2389	0.2422	0.2454	0.2486	0.2517	0.2549
0.70	0.2580	0.2611	0.2642	0.2673	0.2704	0.2734	0.2764	0.2794	0.2823	0.2852
0.80	0.2881	0.2910	0.2939	0.2967	0.2995	0.3023	0.3051	0.3078	0.3106	0.3133
0.90	0.3159	0.3186	0.3212	0.3238	0.3264	0.3289	0.3315	0.3340	0.3365	0.3389
1.00	0.3413	0.3438	0.3461	0.3485	0.3508	0.3531	0.3554	0.3577	0.3599	0.3621
1.10	0.3643	0.3665	0.3686	0.3708	0.3729	0.3749	0.3770	0.3790	0.3810	0.3830
1.20	0.3849	0.3869	0.3888	0.3907	0.3925	0.3944	0.3962	0.3980	0.3997	0.4015
1.30	0.4032	0.4049	0.4066	0.4082	0.4099	0.4115	0.4131	0.4147	0.4162	0.4177
1.40	0.4192	0.4207	0.4222	0.4236	0.4251	0.4265	0.4279	0.4292	0.4306	0.4319
1.50	0.4332	0.4345	0.4357	0.4370	0.4382	0.4394	0.4406	0.4418	0.4429	0.4441
1.60	0.4452	0.4463	0.4474	0.4484	0.4495	0.4505	0.4515	0.4525	0.4535	0.4545
1.70	0.4554	0.4564	0.4573	0.4582	0.4591	0.4599	0.4608	0.4616	0.4625	0.4633
1.80	0.4641	0.4649	0.4656	0.4664	0.4671	0.4678	0.4686	0.4693	0.4699	0.4706
1.90	0.4713	0.4719	0.4726	0.4732	0.4738	0.4744	0.4750	0.4756	0.4761	0.4767
2.00	0.4772	0.4778	0.4783	0.4788	0.4793	0.4798	0.4803	0.4808	0.4812	0.4817
2.10	0.4821	0.4826	0.4830	0.4834	0.4838	0.4842	0.4846	0.4850	0.4854	0.4857
2.20	0.4861	0.4864	0.4868	0.4871	0.4875	0.4878	0.4881	0.4884	0.4887	0.4890
2.30	0.4893	0.4896	0.4898	0.4901	0.4904	0.4906	0.4909	0.4911	0.4913	0.4916
2.40	0.4918	0.4920	0.4922	0.4925	0.4927	0.4929	0.4931	0.4932	0.4934	0.4936
2.50	0.4938	0.4940	0.4941	0.4943	0.4945	0.4946	0.4948	0.4949	0.4951	0.4952
2.60	0.4953	0.4955	0.4956	0.4957	0.4959	0.4960	0.4961	0.4962	0.4963	0.4964
2.70	0.4965	0.4966	0.4967	0.4968	0.4969	0.4970	0.4971	0.4972	0.4973	0.4974
2.80	0.4974	0.4975	0.4976	0.4977	0.4977	0.4978	0.4979	0.4979	0.4980	0.4981
2.90	0.4981	0.4982	0.4982	0.4983	0.4984	0.4984	0.4985	0.4985	0.4986	0.4986
3.00	0.4987	0.4987	0.4987	0.4988	0.4988	0.4989	0.4989	0.4989	0.4990	0.4990
3.10	0.4990	0.4991	0.4991	0.4991	0.4992	0.4992	0.4992	0.4992	0.4993	0.4993
3.20	0.4993	0.4993	0.4994	0.4994	0.4994	0.4994	0.4994	0.4995	0.4995	0.4995
3.30	0.4995	0.4995	0.4995	0.4996	0.4996	0.4996	0.4996	0.4996	0.4996	0.4997
3.40	0.4997	0.4997	0.4997	0.4997	0.4997	0.4997	0.4997	0.4997	0.4997	0.4998
3.50	0.4998	0.4998	0.4998	0.4998	0.4998	0.4998	0.4998	0.4998	0.4998	0.4998

This is the area from 0 (the centre) to the positive z value. Baseline presentation.

Tbl.2 Cumulative Distribution Function $\Phi(z) = \frac{1}{\sqrt{2\pi}} \int_{-\infty}^z e^{-\frac{1}{2}t^2} dt$ rg ∞

z	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.00	0.5000	0.5040	0.5080	0.5120	0.5160	0.5199	0.5239	0.5279	0.5319	0.5359
0.10	0.5398	0.5438	0.5478	0.5517	0.5557	0.5596	0.5636	0.5675	0.5714	0.5753
0.20	0.5793	0.5832	0.5871	0.5910	0.5948	0.5987	0.6026	0.6064	0.6103	0.6141
0.30	0.6179	0.6217	0.6255	0.6293	0.6331	0.6368	0.6406	0.6443	0.6480	0.6517
0.40	0.6554	0.6591	0.6628	0.6664	0.6700	0.6736	0.6772	0.6808	0.6844	0.6879
0.50	0.6915	0.6950	0.6985	0.7019	0.7054	0.7088	0.7123	0.7157	0.7190	0.7224
0.60	0.7257	0.7291	0.7324	0.7357	0.7389	0.7422	0.7454	0.7486	0.7517	0.7549
0.70	0.7580	0.7611	0.7642	0.7673	0.7704	0.7734	0.7764	0.7794	0.7823	0.7852
0.80	0.7881	0.7910	0.7939	0.7967	0.7995	0.8023	0.8051	0.8078	0.8106	0.8133
0.90	0.8159	0.8186	0.8212	0.8238	0.8264	0.8289	0.8315	0.8340	0.8365	0.8389
1.00	0.8413	0.8438	0.8461	0.8485	0.8508	0.8531	0.8554	0.8577	0.8599	0.8621
1.10	0.8643	0.8665	0.8686	0.8708	0.8729	0.8749	0.8770	0.8790	0.8810	0.8830
1.20	0.8849	0.8869	0.8888	0.8907	0.8925	0.8944	0.8962	0.8980	0.8997	0.9015
1.30	0.9032	0.9049	0.9066	0.9082	0.9099	0.9115	0.9131	0.9147	0.9162	0.9177
1.40	0.9192	0.9207	0.9222	0.9236	0.9251	0.9265	0.9279	0.9292	0.9306	0.9319
1.50	0.9332	0.9345	0.9357	0.9370	0.9382	0.9394	0.9406	0.9418	0.9429	0.9441
1.60	0.9452	0.9463	0.9474	0.9484	0.9495	0.9505	0.9515	0.9525	0.9535	0.9545
1.70	0.9554	0.9564	0.9573	0.9582	0.9591	0.9599	0.9608	0.9616	0.9625	0.9633
1.80	0.9641	0.9649	0.9656	0.9664	0.9671	0.9678	0.9686	0.9693	0.9699	0.9706
1.90	0.9713	0.9719	0.9726	0.9732	0.9738	0.9744	0.9750	0.9756	0.9761	0.9767
2.00	0.9772	0.9778	0.9783	0.9788	0.9793	0.9798	0.9803	0.9808	0.9812	0.9817
2.10	0.9821	0.9826	0.9830	0.9834	0.9838	0.9842	0.9846	0.9850	0.9854	0.9857
2.20	0.9861	0.9864	0.9868	0.9871	0.9875	0.9878	0.9881	0.9884	0.9887	0.9890
2.30	0.9893	0.9896	0.9898	0.9901	0.9904	0.9906	0.9909	0.9911	0.9913	0.9916
2.40	0.9918	0.9920	0.9922	0.9925	0.9927	0.9929	0.9931	0.9932	0.9934	0.9936
2.50	0.9938	0.9940	0.9941	0.9943	0.9945	0.9946	0.9948	0.9949	0.9951	0.9952
2.60	0.9953	0.9955	0.9956	0.9957	0.9959	0.9960	0.9961	0.9962	0.9963	0.9964
2.70	0.9965	0.9966	0.9967	0.9968	0.9969	0.9970	0.9971	0.9972	0.9973	0.9974
2.80	0.9974	0.9975	0.9976	0.9977	0.9977	0.9978	0.9979	0.9979	0.9980	0.9981
2.90	0.9981	0.9982	0.9982	0.9983	0.9984	0.9984	0.9985	0.9985	0.9986	0.9986
3.00	0.9987	0.9987	0.9987	0.9988	0.9988	0.9989	0.9989	0.9989	0.9990	0.9990
3.10	0.9990	0.9991	0.9991	0.9991	0.9992	0.9992	0.9992	0.9992	0.9993	0.9993
3.20	0.9993	0.9993	0.9994	0.9994	0.9994	0.9994	0.9994	0.9995	0.9995	0.9995
3.30	0.9995	0.9995	0.9995	0.9996	0.9996	0.9996	0.9996	0.9996	0.9996	0.9997
3.40	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9997	0.9998
3.50	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998	0.9998

One tailed "inside" area. Values are Table I + 0.5

Tbl.3	Cumulative Distribution Function $\Phi(z) - \Phi(-z) = \int_{-\infty}^z \frac{1}{\sqrt{2\pi}} e^{-t^2/2} dt$ rg ∞									
z	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.00	0.0000	0.0080	0.0160	0.0239	0.0319	0.0399	0.0478	0.0558	0.0638	0.0717
0.10	0.0797	0.0876	0.0955	0.1034	0.1113	0.1192	0.1271	0.1350	0.1428	0.1507
0.20	0.1585	0.1663	0.1741	0.1819	0.1897	0.1974	0.2051	0.2128	0.2205	0.2282
0.30	0.2358	0.2434	0.2510	0.2586	0.2661	0.2737	0.2812	0.2886	0.2961	0.3035
0.40	0.3108	0.3182	0.3255	0.3328	0.3401	0.3473	0.3545	0.3616	0.3688	0.3759
0.50	0.3829	0.3899	0.3969	0.4039	0.4108	0.4177	0.4245	0.4313	0.4381	0.4448
0.60	0.4515	0.4581	0.4647	0.4713	0.4778	0.4843	0.4907	0.4971	0.5035	0.5098
0.70	0.5161	0.5223	0.5285	0.5346	0.5407	0.5467	0.5527	0.5587	0.5646	0.5705
0.80	0.5763	0.5821	0.5878	0.5935	0.5991	0.6047	0.6102	0.6157	0.6211	0.6265
0.90	0.6319	0.6372	0.6424	0.6476	0.6528	0.6579	0.6629	0.6680	0.6729	0.6778
1.00	0.6827	0.6875	0.6923	0.6970	0.7017	0.7063	0.7109	0.7154	0.7199	0.7243
1.10	0.7287	0.7330	0.7373	0.7415	0.7457	0.7499	0.7540	0.7580	0.7620	0.7660
1.20	0.7699	0.7737	0.7775	0.7813	0.7850	0.7887	0.7923	0.7959	0.7995	0.8029
1.30	0.8064	0.8098	0.8132	0.8165	0.8198	0.8230	0.8262	0.8293	0.8324	0.8355
1.40	0.8385	0.8415	0.8444	0.8473	0.8501	0.8529	0.8557	0.8584	0.8611	0.8638
1.50	0.8664	0.8690	0.8715	0.8740	0.8764	0.8789	0.8812	0.8836	0.8859	0.8882
1.60	0.8904	0.8926	0.8948	0.8969	0.8990	0.9011	0.9031	0.9051	0.9070	0.9090
1.70	0.9109	0.9127	0.9146	0.9164	0.9181	0.9199	0.9216	0.9233	0.9249	0.9265
1.80	0.9281	0.9297	0.9312	0.9328	0.9342	0.9357	0.9371	0.9385	0.9399	0.9412
1.90	0.9426	0.9439	0.9451	0.9464	0.9476	0.9488	0.9500	0.9512	0.9523	0.9534
2.00	0.9545	0.9556	0.9566	0.9576	0.9586	0.9596	0.9606	0.9615	0.9625	0.9634
2.10	0.9643	0.9651	0.9660	0.9668	0.9676	0.9684	0.9692	0.9700	0.9707	0.9715
2.20	0.9722	0.9729	0.9736	0.9743	0.9749	0.9756	0.9762	0.9768	0.9774	0.9780
2.30	0.9786	0.9791	0.9797	0.9802	0.9807	0.9812	0.9817	0.9822	0.9827	0.9832
2.40	0.9836	0.9840	0.9845	0.9849	0.9853	0.9857	0.9861	0.9865	0.9869	0.9872
2.50	0.9876	0.9879	0.9883	0.9886	0.9889	0.9892	0.9895	0.9898	0.9901	0.9904
2.60	0.9907	0.9909	0.9912	0.9915	0.9917	0.9920	0.9922	0.9924	0.9926	0.9929
2.70	0.9931	0.9933	0.9935	0.9937	0.9939	0.9940	0.9942	0.9944	0.9946	0.9947
2.80	0.9949	0.9950	0.9952	0.9953	0.9955	0.9956	0.9958	0.9959	0.9960	0.9961
2.90	0.9963	0.9964	0.9965	0.9966	0.9967	0.9968	0.9969	0.9970	0.9971	0.9972
3.00	0.9973	0.9974	0.9975	0.9976	0.9976	0.9977	0.9978	0.9979	0.9979	0.9980
3.10	0.9981	0.9981	0.9982	0.9983	0.9983	0.9984	0.9984	0.9985	0.9985	0.9986
3.20	0.9986	0.9987	0.9987	0.9988	0.9988	0.9988	0.9989	0.9989	0.9990	0.9990
3.30	0.9990	0.9991	0.9991	0.9991	0.9992	0.9992	0.9992	0.9992	0.9993	0.9993
3.40	0.9993	0.9994	0.9994	0.9994	0.9994	0.9994	0.9995	0.9995	0.9995	0.9995
3.50	0.9995	0.9996	0.9996	0.9996	0.9996	0.9996	0.9996	0.9996	0.9997	0.9997

Two tailed "central" area. Values twice those of Table I.

Tbl.4 Cumulative Distribution Function – $\Phi(z) = \Phi(-z) = \frac{1}{\sqrt{2\pi}} \int_{-\infty}^z e^{-t^2/2} dt$ rg ∞

z	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.00	0.5000	0.4960	0.4920	0.4880	0.4840	0.4801	0.4761	0.4721	0.4681	0.4641
0.10	0.4602	0.4562	0.4522	0.4483	0.4443	0.4404	0.4364	0.4325	0.4286	0.4247
0.20	0.4207	0.4168	0.4129	0.4090	0.4052	0.4013	0.3974	0.3936	0.3897	0.3859
0.30	0.3821	0.3783	0.3745	0.3707	0.3669	0.3632	0.3594	0.3557	0.3520	0.3483
0.40	0.3446	0.3409	0.3372	0.3336	0.3300	0.3264	0.3228	0.3192	0.3156	0.3121
0.50	0.3085	0.3050	0.3015	0.2981	0.2946	0.2912	0.2877	0.2843	0.2810	0.2776
0.60	0.2743	0.2709	0.2676	0.2643	0.2611	0.2578	0.2546	0.2514	0.2483	0.2451
0.70	0.2420	0.2389	0.2358	0.2327	0.2296	0.2266	0.2236	0.2206	0.2177	0.2148
0.80	0.2119	0.2090	0.2061	0.2033	0.2005	0.1977	0.1949	0.1922	0.1894	0.1867
0.90	0.1841	0.1814	0.1788	0.1762	0.1736	0.1711	0.1685	0.1660	0.1635	0.1611
1.00	0.1587	0.1562	0.1539	0.1515	0.1492	0.1469	0.1446	0.1423	0.1401	0.1379
1.10	0.1357	0.1335	0.1314	0.1292	0.1271	0.1251	0.1230	0.1210	0.1190	0.1170
1.20	0.1151	0.1131	0.1112	0.1093	0.1075	0.1056	0.1038	0.1020	0.1003	0.0985
1.30	0.0968	0.0951	0.0934	0.0918	0.0901	0.0885	0.0869	0.0853	0.0838	0.0823
1.40	0.0808	0.0793	0.0778	0.0764	0.0749	0.0735	0.0721	0.0708	0.0694	0.0681
1.50	0.0668	0.0655	0.0643	0.0630	0.0618	0.0606	0.0594	0.0582	0.0571	0.0559
1.60	0.0548	0.0537	0.0526	0.0516	0.0505	0.0495	0.0485	0.0475	0.0465	0.0455
1.70	0.0446	0.0436	0.0427	0.0418	0.0409	0.0401	0.0392	0.0384	0.0375	0.0367
1.80	0.0359	0.0351	0.0344	0.0336	0.0329	0.0322	0.0314	0.0307	0.0301	0.0294
1.90	0.0287	0.0281	0.0274	0.0268	0.0262	0.0256	0.0250	0.0244	0.0239	0.0233
2.00	0.0228	0.0222	0.0217	0.0212	0.0207	0.0202	0.0197	0.0192	0.0188	0.0183
2.10	0.0179	0.0174	0.0170	0.0166	0.0162	0.0158	0.0154	0.0150	0.0146	0.0143
2.20	0.0139	0.0136	0.0132	0.0129	0.0125	0.0122	0.0119	0.0116	0.0113	0.0110
2.30	0.0107	0.0104	0.0102	0.0099	0.0096	0.0094	0.0091	0.0089	0.0087	0.0084
2.40	0.0082	0.0080	0.0078	0.0075	0.0073	0.0071	0.0069	0.0068	0.0066	0.0064
2.50	0.0062	0.0060	0.0059	0.0057	0.0055	0.0054	0.0052	0.0051	0.0049	0.0048
2.60	0.0047	0.0045	0.0044	0.0043	0.0041	0.0040	0.0039	0.0038	0.0037	0.0036
2.70	0.0035	0.0034	0.0033	0.0032	0.0031	0.0030	0.0029	0.0028	0.0027	0.0026
2.80	0.0026	0.0025	0.0024	0.0023	0.0023	0.0022	0.0021	0.0021	0.0020	0.0019
2.90	0.0019	0.0018	0.0018	0.0017	0.0016	0.0016	0.0015	0.0015	0.0014	0.0014
3.00	0.0013	0.0013	0.0013	0.0012	0.0012	0.0011	0.0011	0.0011	0.0010	0.0010
3.10	0.0010	0.0009	0.0009	0.0009	0.0008	0.0008	0.0008	0.0008	0.0007	0.0007
3.20	0.0007	0.0007	0.0006	0.0006	0.0006	0.0006	0.0006	0.0005	0.0005	0.0005
3.30	0.0005	0.0005	0.0005	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0003
3.40	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0002
3.50	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002

One tailed "outside" area. Values are 0.5 - Table I.

Tbl.5	Cumulative Distribution Function										$2[1 - \Phi(z)] = \frac{2}{\sqrt{2\pi}z} \int_0^{\infty} e^{-\frac{1}{2}t^2} dt$ rg ∞
z	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	
0.00	1.0000	0.9920	0.9840	0.9761	0.9681	0.9601	0.9522	0.9442	0.9362	0.9283	
0.10	0.9203	0.9124	0.9045	0.8966	0.8887	0.8808	0.8729	0.8650	0.8572	0.8493	
0.20	0.8415	0.8337	0.8259	0.8181	0.8103	0.8026	0.7949	0.7872	0.7795	0.7718	
0.30	0.7642	0.7566	0.7490	0.7414	0.7339	0.7263	0.7188	0.7114	0.7039	0.6965	
0.40	0.6892	0.6818	0.6745	0.6672	0.6599	0.6527	0.6455	0.6384	0.6312	0.6241	
0.50	0.6171	0.6101	0.6031	0.5961	0.5892	0.5823	0.5755	0.5687	0.5619	0.5552	
0.60	0.5485	0.5419	0.5353	0.5287	0.5222	0.5157	0.5093	0.5029	0.4965	0.4902	
0.70	0.4839	0.4777	0.4715	0.4654	0.4593	0.4533	0.4473	0.4413	0.4354	0.4295	
0.80	0.4237	0.4179	0.4122	0.4065	0.4009	0.3953	0.3898	0.3843	0.3789	0.3735	
0.90	0.3681	0.3628	0.3576	0.3524	0.3472	0.3421	0.3371	0.3320	0.3271	0.3222	
1.00	0.3173	0.3125	0.3077	0.3030	0.2983	0.2937	0.2891	0.2846	0.2801	0.2757	
1.10	0.2713	0.2670	0.2627	0.2585	0.2543	0.2501	0.2460	0.2420	0.2380	0.2340	
1.20	0.2301	0.2263	0.2225	0.2187	0.2150	0.2113	0.2077	0.2041	0.2005	0.1971	
1.30	0.1936	0.1902	0.1868	0.1835	0.1802	0.1770	0.1738	0.1707	0.1676	0.1645	
1.40	0.1615	0.1585	0.1556	0.1527	0.1499	0.1471	0.1443	0.1416	0.1389	0.1362	
1.50	0.1336	0.1310	0.1285	0.1260	0.1236	0.1211	0.1188	0.1164	0.1141	0.1118	
1.60	0.1096	0.1074	0.1052	0.1031	0.1010	0.0989	0.0969	0.0949	0.0930	0.0910	
1.70	0.0891	0.0873	0.0854	0.0836	0.0819	0.0801	0.0784	0.0767	0.0751	0.0735	
1.80	0.0719	0.0703	0.0688	0.0672	0.0658	0.0643	0.0629	0.0615	0.0601	0.0588	
1.90	0.0574	0.0561	0.0549	0.0536	0.0524	0.0512	0.0500	0.0488	0.0477	0.0466	
2.00	0.0455	0.0444	0.0434	0.0424	0.0414	0.0404	0.0394	0.0385	0.0375	0.0366	
2.10	0.0357	0.0349	0.0340	0.0332	0.0324	0.0316	0.0308	0.0300	0.0293	0.0285	
2.20	0.0278	0.0271	0.0264	0.0257	0.0251	0.0244	0.0238	0.0232	0.0226	0.0220	
2.30	0.0214	0.0209	0.0203	0.0198	0.0193	0.0188	0.0183	0.0178	0.0173	0.0168	
2.40	0.0164	0.0160	0.0155	0.0151	0.0147	0.0143	0.0139	0.0135	0.0131	0.0128	
2.50	0.0124	0.0121	0.0117	0.0114	0.0111	0.0108	0.0105	0.0102	0.0099	0.0096	
2.60	0.0093	0.0091	0.0088	0.0085	0.0083	0.0080	0.0078	0.0076	0.0074	0.0071	
2.70	0.0069	0.0067	0.0065	0.0063	0.0061	0.0060	0.0058	0.0056	0.0054	0.0053	
2.80	0.0051	0.0050	0.0048	0.0047	0.0045	0.0044	0.0042	0.0041	0.0040	0.0039	
2.90	0.0037	0.0036	0.0035	0.0034	0.0033	0.0032	0.0031	0.0030	0.0029	0.0028	
3.00	0.0027	0.0026	0.0025	0.0024	0.0024	0.0023	0.0022	0.0021	0.0021	0.0020	
3.10	0.0019	0.0019	0.0018	0.0017	0.0017	0.0016	0.0016	0.0015	0.0015	0.0014	
3.20	0.0014	0.0013	0.0013	0.0012	0.0012	0.0012	0.0011	0.0011	0.0010	0.0010	
3.30	0.0010	0.0009	0.0009	0.0009	0.0008	0.0008	0.0008	0.0008	0.0007	0.0007	
3.40	0.0007	0.0006	0.0006	0.0006	0.0006	0.0006	0.0005	0.0005	0.0005	0.0005	
3.50	0.0005	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0003	0.0003	

Two tailed "outside" area. Values are the complements of Table 3

Tbl.6	Inverse normal cumulative distribution function. Table of z rg ∞									
Φ	0.00	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09
0.50	0.0000	0.0251	0.0502	0.0753	0.1004	0.1257	0.1510	0.1764	0.2019	0.2275
0.60	0.2533	0.2793	0.3055	0.3319	0.3585	0.3853	0.4125	0.4399	0.4677	0.4959
0.70	0.5244	0.5534	0.5828	0.6128	0.6433	0.6745	0.7063	0.7388	0.7722	0.8064
Φ	0.000	0.001	0.002	0.003	0.004	0.005	0.006	0.007	0.008	0.009
0.75	0.6745	0.6776	0.6808	0.6840	0.6871	0.6903	0.6935	0.6967	0.6999	0.7031
0.76	0.7063	0.7095	0.7128	0.7160	0.7192	0.7225	0.7257	0.7290	0.7323	0.7356
0.77	0.7388	0.7421	0.7454	0.7488	0.7521	0.7554	0.7588	0.7621	0.7655	0.7688
0.78	0.7722	0.7756	0.7790	0.7824	0.7858	0.7892	0.7926	0.7961	0.7995	0.8030
0.79	0.8064	0.8099	0.8134	0.8169	0.8204	0.8239	0.8274	0.8310	0.8345	0.8381
0.80	0.8416	0.8452	0.8488	0.8524	0.8560	0.8596	0.8633	0.8669	0.8705	0.8742
0.81	0.8779	0.8816	0.8853	0.8890	0.8927	0.8965	0.9002	0.9040	0.9078	0.9116
0.82	0.9154	0.9192	0.9230	0.9269	0.9307	0.9346	0.9385	0.9424	0.9463	0.9502
0.83	0.9542	0.9581	0.9621	0.9661	0.9701	0.9741	0.9782	0.9822	0.9863	0.9904
0.84	0.9945	0.9986	1.0027	1.0069	1.0110	1.0152	1.0194	1.0237	1.0279	1.0322
0.85	1.0364	1.0407	1.0450	1.0494	1.0537	1.0581	1.0625	1.0669	1.0714	1.0758
0.86	1.0803	1.0848	1.0893	1.0939	1.0985	1.1031	1.1077	1.1123	1.1170	1.1217
0.87	1.1264	1.1311	1.1359	1.1407	1.1455	1.1503	1.1552	1.1601	1.1650	1.1700
0.88	1.1750	1.1800	1.1850	1.1901	1.1952	1.2004	1.2055	1.2107	1.2160	1.2212
0.89	1.2265	1.2319	1.2372	1.2426	1.2481	1.2536	1.2591	1.2646	1.2702	1.2759
0.90	1.2816	1.2873	1.2930	1.2988	1.3047	1.3106	1.3165	1.3225	1.3285	1.3346
0.91	1.3408	1.3469	1.3532	1.3595	1.3658	1.3722	1.3787	1.3852	1.3917	1.3984
0.92	1.4051	1.4118	1.4187	1.4255	1.4325	1.4395	1.4466	1.4538	1.4611	1.4684
0.93	1.4758	1.4833	1.4909	1.4985	1.5063	1.5141	1.5220	1.5301	1.5382	1.5464
0.94	1.5548	1.5632	1.5718	1.5805	1.5893	1.5982	1.6072	1.6164	1.6258	1.6352
0.95	1.6449	1.6546	1.6646	1.6747	1.6849	1.6954	1.7060	1.7169	1.7279	1.7392
0.96	1.7507	1.7624	1.7744	1.7866	1.7991	1.8119	1.8250	1.8384	1.8522	1.8663
0.97	1.8808	1.8957	1.9110	1.9268	1.9431	1.9600	1.9774	1.9954	2.0141	2.0335
0.98	2.0537	2.0749	2.0969	2.1201	2.1444	2.1701	2.1973	2.2262	2.2571	2.2904
0.99	2.3263	2.3656	2.4089	2.4573	2.5121	2.5758	2.6521	2.7478	2.8782	3.0902

Significance Testing

one-tailed Q	0.01%	0.025%	0.05%	0.1%	0.25%	0.5%	1%	2.5%	5%
one-tailed Φ	0.9999	0.9998	0.9995	0.999	0.9975	0.995	0.99	0.975	0.95
two-tailed Q	0.02%	0.05%	0.1%	0.2%	0.5%	1%	2%	5%	10%
two-tailed Φ	0.9998	0.9995	0.999	0.998	0.995	0.99	0.98	0.95	0.90
z =	3.7190	3.4808	3.2905	3.0902	2.8070	2.5758	2.3263	1.9600	1.6449

Tbl.7	Chi Squared Distribution Table k values													$p = P (X \leq \kappa)$	rg ∞
ν/p	0.995	0.990	0.975	0.950	0.900	0.750	0.500	0.250	0.100	0.050	0.025	0.010	0.005		
1	7.88	6.63	5.02	3.84	2.71	1.32	0.45	0.10	0.02	0.00	0.00	0.00	0.00		
2	10.60	9.21	7.38	5.99	4.61	2.77	1.39	0.58	0.21	0.10	0.05	0.02	0.01		
3	12.84	11.34	9.35	7.81	6.25	4.11	2.37	1.21	0.58	0.35	0.22	0.11	0.07		
4	14.86	13.28	11.14	9.49	7.78	5.39	3.36	1.92	1.06	0.71	0.48	0.30	0.21		
5	16.75	15.09	12.83	11.07	9.24	6.63	4.35	2.67	1.61	1.15	0.83	0.55	0.41		
6	18.55	16.81	14.45	12.59	10.64	7.84	5.35	3.45	2.20	1.64	1.24	0.87	0.68		
7	20.28	18.48	16.01	14.07	12.02	9.04	6.35	4.25	2.83	2.17	1.69	1.24	0.99		
8	21.95	20.09	17.53	15.51	13.36	10.22	7.34	5.07	3.49	2.73	2.18	1.65	1.34		
9	23.59	21.67	19.02	16.92	14.68	11.39	8.34	5.90	4.17	3.33	2.70	2.09	1.73		
10	25.19	23.21	20.48	18.31	15.99	12.55	9.34	6.74	4.87	3.94	3.25	2.56	2.16		
11	26.76	24.72	21.92	19.68	17.28	13.70	10.34	7.58	5.58	4.57	3.82	3.05	2.60		
12	28.30	26.22	23.34	21.03	18.55	14.85	11.34	8.44	6.30	5.23	4.40	3.57	3.07		
13	29.82	27.69	24.74	22.36	19.81	15.98	12.34	9.30	7.04	5.89	5.01	4.11	3.57		
14	31.32	29.14	26.12	23.68	21.06	17.12	13.34	10.17	7.79	6.57	5.63	4.66	4.07		
15	32.80	30.58	27.49	25.00	22.31	18.25	14.34	11.04	8.55	7.26	6.26	5.23	4.60		
16	34.27	32.00	28.85	26.30	23.54	19.37	15.34	11.91	9.31	7.96	6.91	5.81	5.14		
17	35.72	33.41	30.19	27.59	24.77	20.49	16.34	12.79	10.09	8.67	7.56	6.41	5.70		
18	37.16	34.81	31.53	28.87	25.99	21.60	17.34	13.68	10.86	9.39	8.23	7.01	6.26		
19	38.58	36.19	32.85	30.14	27.20	22.72	18.34	14.56	11.65	10.12	8.91	7.63	6.84		
20	40.00	37.57	34.17	31.41	28.41	23.83	19.34	15.45	12.44	10.85	9.59	8.26	7.43		
21	41.40	38.93	35.48	32.67	29.62	24.93	20.34	16.34	13.24	11.59	10.28	8.90	8.03		
22	42.80	40.29	36.78	33.92	30.81	26.04	21.34	17.24	14.04	12.34	10.98	9.54	8.64		
23	44.18	41.64	38.08	35.17	32.01	27.14	22.34	18.14	14.85	13.09	11.69	10.20	9.26		
24	45.56	42.98	39.36	36.42	33.20	28.24	23.34	19.04	15.66	13.85	12.40	10.86	9.89		
25	46.93	44.31	40.65	37.65	34.38	29.34	24.34	19.94	16.47	14.61	13.12	11.52	10.52		
26	48.29	45.64	41.92	38.89	35.56	30.43	25.34	20.84	17.29	15.38	13.84	12.20	11.16		
27	49.64	46.96	43.19	40.11	36.74	31.53	26.34	21.75	18.11	16.15	14.57	12.88	11.81		
28	50.99	48.28	44.46	41.34	37.92	32.62	27.34	22.66	18.94	16.93	15.31	13.56	12.46		
29	52.34	49.59	45.72	42.56	39.09	33.71	28.34	23.57	19.77	17.71	16.05	14.26	13.12		
30	53.67	50.89	46.98	43.77	40.26	34.80	29.34	24.48	20.60	18.49	16.79	14.95	13.79		
40	66.77	63.69	59.34	55.76	51.81	45.62	39.34	33.66	29.05	26.51	24.43	22.16	20.71		
50	79.49	76.15	71.42	67.50	63.17	56.33	49.33	42.94	37.69	34.76	32.36	29.71	27.99		
60	91.95	88.38	83.30	79.08	74.40	66.98	59.33	52.29	46.46	43.19	40.48	37.48	35.53		
70	104.21	100.43	95.02	90.53	85.53	77.58	69.33	61.70	55.33	51.74	48.76	45.44	43.28		
80	116.32	112.33	106.63	101.88	96.58	88.13	79.33	71.14	64.28	60.39	57.15	53.54	51.17		
90	128.30	124.12	118.14	113.15	107.57	98.65	89.33	80.62	73.29	69.13	65.65	61.75	59.20		

p (probability) is the area under the curve from 0 up to κ (table values) (sometimes denoted c)

Tbl.8	Poisson Tables	$P(X = r) = \lambda^r e^{-\lambda} / r!$														
λr	0	1	2	3	4	5	6	7	8	9	10	12	14	16	18	
0.02	0.980	0.020														
0.04	0.961	0.038														
0.06	0.942	0.057	0.002													
0.08	0.923	0.074	0.003													
0.10	0.905	0.090	0.005													
0.15	0.861	0.129	0.010													
0.20	0.819	0.164	0.016	0.001												
0.25	0.779	0.195	0.024	0.002												
0.30	0.741	0.222	0.033	0.003												
0.35	0.705	0.247	0.043	0.005												
0.4	0.670	0.268	0.054	0.007												
0.6	0.549	0.329	0.099	0.020	0.003											
0.8	0.449	0.359	0.144	0.038	0.008	0.001										
1.0	0.368	0.368	0.184	0.061	0.015	0.003										
1.2	0.301	0.361	0.217	0.087	0.026	0.006	0.001									
1.4	0.247	0.345	0.242	0.113	0.039	0.011	0.003									
1.6	0.202	0.323	0.258	0.138	0.055	0.018	0.005	0.001								
1.8	0.165	0.298	0.268	0.161	0.072	0.026	0.008	0.002								
2.0	0.135	0.271	0.271	0.180	0.090	0.036	0.012	0.003								
2.2	0.111	0.244	0.268	0.197	0.108	0.048	0.017	0.005	0.002							
2.4	0.091	0.218	0.261	0.209	0.125	0.060	0.024	0.008	0.002							
2.6	0.074	0.193	0.251	0.218	0.141	0.074	0.032	0.012	0.004	0.001						
2.8	0.061	0.170	0.238	0.222	0.156	0.087	0.041	0.016	0.006	0.002						
3.0	0.050	0.149	0.224	0.224	0.168	0.101	0.050	0.022	0.008	0.003						
3.5	0.030	0.106	0.185	0.216	0.189	0.132	0.077	0.039	0.017	0.007	0.002					
4.0	0.018	0.073	0.147	0.195	0.195	0.156	0.104	0.060	0.030	0.013	0.005					
4.5	0.011	0.050	0.112	0.169	0.190	0.171	0.128	0.082	0.046	0.023	0.010	0.002				
5.0	0.007	0.034	0.084	0.140	0.175	0.175	0.146	0.104	0.065	0.036	0.018	0.003				
5.5	0.004	0.022	0.062	0.113	0.156	0.171	0.157	0.123	0.085	0.052	0.029	0.007	0.001			
6.0	0.002	0.015	0.045	0.089	0.134	0.161	0.161	0.138	0.103	0.069	0.041	0.011	0.002			
6.5	0.002	0.010	0.032	0.069	0.112	0.145	0.157	0.146	0.119	0.086	0.056	0.018	0.004			
7.0		0.006	0.022	0.052	0.091	0.128	0.149	0.149	0.130	0.101	0.071	0.026	0.007	0.001		
8.0		0.003	0.011	0.029	0.057	0.092	0.122	0.140	0.140	0.124	0.099	0.048	0.017	0.005		
9.0		0.001	0.005	0.015	0.034	0.061	0.091	0.117	0.132	0.132	0.119	0.073	0.032	0.011	0.003	
10.0			0.002	0.008	0.019	0.038	0.063	0.090	0.113	0.125	0.125	0.095	0.052	0.022	0.007	
20.0									0.001	0.003	0.006	0.018	0.039	0.065	0.084	

Interpretation : If the mean arrival time at a service point is 3 / minute then the probability that exactly 4 people will arrive in the next minute is 0.1680. The highest probabilities occur at both 3 people (unsuprising) but also 2 people (perhaps more suprising).

Tbl.9 Cumulative Poisson $P(X \leq r)$ where X follows Poisson Distribution parameter λ .

λr	0	1	2	3	4	5	6	7	8	9	10	12	14	16	18
0.02	9.000	1.000													
0.04	0.961	0.999													
0.06	0.942	0.998													
0.08	0.923	0.997	1.000												
0.10	0.905	0.995	1.000												
0.15	0.861	0.990	0.999												
0.20	0.819	0.982	0.999	1.000											
0.25	0.779	0.974	0.998	1.000											
0.30	0.741	0.963	0.996	1.000											
0.35	0.705	0.951	0.994	1.000											
0.4	0.670	0.938	0.992	0.999	1.000										
0.6	0.549	0.878	0.977	0.997	1.000										
0.8	0.449	0.809	0.953	0.991	0.999										
1.0	0.368	0.736	0.920	0.981	0.996	0.999	1.000								
1.2	0.301	0.663	0.879	0.966	0.992	0.998	1.000								
1.4	0.247	0.592	0.833	0.946	0.986	0.997	0.999	1.000							
1.6	0.202	0.525	0.783	0.921	0.976	0.994	0.999	1.000							
1.8	0.165	0.463	0.731	0.891	0.964	0.990	0.997	0.999	1.000						
2.0	0.135	0.406	0.677	0.857	0.947	0.983	0.995	0.999	1.000						
2.2	0.111	0.355	0.623	0.819	0.928	0.975	0.993	0.998	1.000	1.000					
2.4	0.091	0.308	0.570	0.779	0.904	0.964	0.988	0.997	0.999	1.000					
2.6	0.074	0.267	0.518	0.736	0.877	0.951	0.983	0.995	0.999	1.000	1.000				
2.8	0.061	0.231	0.469	0.692	0.848	0.935	0.976	0.992	0.998	0.999	1.000				
3.0	0.050	0.199	0.423	0.647	0.815	0.916	0.966	0.988	0.996	0.999	1.000				
3.5	0.030	0.136	0.321	0.537	0.725	0.858	0.935	0.973	0.990	0.997	0.999	1.000			
4.0	0.018	0.092	0.238	0.433	0.629	0.785	0.889	0.949	0.979	0.992	0.997	1.000			
4.5	0.011	0.061	0.174	0.342	0.532	0.703	0.831	0.913	0.960	0.983	0.993	0.999	1.000		
5.0	0.007	0.040	0.125	0.265	0.440	0.616	0.762	0.867	0.932	0.968	0.986	0.998	1.000		
5.5	0.004	0.027	0.088	0.202	0.358	0.529	0.686	0.809	0.894	0.946	0.975	0.996	0.999	1.000	
6.0	0.002	0.017	0.062	0.151	0.285	0.446	0.606	0.744	0.847	0.916	0.957	0.991	0.999	1.000	
6.5	0.002	0.011	0.043	0.112	0.224	0.369	0.527	0.673	0.792	0.877	0.933	0.984	0.997	1.000	1.000
7.0	0.001	0.007	0.030	0.082	0.173	0.301	0.450	0.599	0.729	0.830	0.901	0.973	0.994	0.999	1.000
8.0		0.003	0.014	0.042	0.100	0.191	0.313	0.453	0.593	0.717	0.816	0.936	0.983	0.996	0.999
9.0		0.001	0.006	0.021	0.055	0.116	0.207	0.324	0.456	0.587	0.706	0.876	0.959	0.989	0.998
10.0			0.003	0.010	0.029	0.067	0.130	0.220	0.333	0.458	0.583	0.792	0.917	0.973	0.993
20.0							0.001	0.002	0.005	0.011	0.039	0.105	0.221	0.381	

Tbl.10		T Distribution					$p = P(X \leq t)$		$rg \infty$		
v/p	0.9998	0.9995	0.999	0.9975	0.995	0.990	0.975	0.950	0.900	0.800	
1	1591.5	636.62	318.31	127.32	63.657	31.821	12.706	6.314	3.078	1.376	
2	49.985	31.599	22.327	14.089	9.925	6.965	4.303	2.920	1.886	1.061	
3	17.598	12.924	10.215	7.453	5.841	4.541	3.182	2.353	1.638	0.978	
4	10.915	8.610	7.173	5.598	4.604	3.747	2.776	2.132	1.533	0.941	
5	8.363	6.869	5.893	4.773	4.032	3.365	2.571	2.015	1.476	0.920	
6	7.074	5.959	5.208	4.317	3.707	3.143	2.447	1.943	1.440	0.906	
7	6.311	5.408	4.785	4.029	3.499	2.998	2.365	1.895	1.415	0.896	
8	5.811	5.041	4.501	3.833	3.355	2.896	2.306	1.860	1.397	0.889	
9	5.461	4.781	4.297	3.690	3.250	2.821	2.262	1.833	1.383	0.883	
10	5.202	4.587	4.144	3.581	3.169	2.764	2.228	1.812	1.372	0.879	
11	5.004	4.437	4.025	3.497	3.106	2.718	2.201	1.796	1.363	0.876	
12	4.847	4.318	3.930	3.428	3.055	2.681	2.179	1.782	1.356	0.873	
13	4.721	4.221	3.852	3.372	3.012	2.650	2.160	1.771	1.350	0.870	
14	4.616	4.140	3.787	3.326	2.977	2.624	2.145	1.761	1.345	0.868	
15	4.528	4.073	3.733	3.286	2.947	2.602	2.131	1.753	1.341	0.866	
16	4.454	4.015	3.686	3.252	2.921	2.583	2.120	1.746	1.337	0.865	
17	4.390	3.965	3.646	3.222	2.898	2.567	2.110	1.740	1.333	0.863	
18	4.334	3.922	3.610	3.197	2.878	2.552	2.101	1.734	1.330	0.862	
19	4.285	3.883	3.579	3.174	2.861	2.539	2.093	1.729	1.328	0.861	
20	4.241	3.850	3.552	3.153	2.845	2.528	2.086	1.725	1.325	0.860	
21	4.203	3.819	3.527	3.135	2.831	2.518	2.080	1.721	1.323	0.859	
22	4.168	3.792	3.505	3.119	2.819	2.508	2.074	1.717	1.321	0.858	
23	4.137	3.768	3.485	3.104	2.807	2.500	2.069	1.714	1.319	0.858	
24	4.109	3.745	3.467	3.091	2.797	2.492	2.064	1.711	1.318	0.857	
25	4.083	3.725	3.450	3.078	2.787	2.485	2.060	1.708	1.316	0.856	
26	4.060	3.707	3.435	3.067	2.779	2.479	2.056	1.706	1.315	0.856	
27	4.038	3.690	3.421	3.057	2.771	2.473	2.052	1.703	1.314	0.855	
28	4.018	3.674	3.408	3.047	2.763	2.467	2.048	1.701	1.313	0.855	
29	4.000	3.659	3.396	3.038	2.756	2.462	2.045	1.699	1.311	0.854	
30	3.983	3.646	3.385	3.030	2.750	2.457	2.042	1.697	1.310	0.854	
40	3.864	3.551	3.307	2.971	2.704	2.423	2.021	1.684	1.303	0.851	
50	3.795	3.496	3.261	2.937	2.678	2.403	2.009	1.676	1.299	0.849	
60	3.750	3.460	3.232	2.915	2.660	2.390	2.000	1.671	1.296	0.848	
80	3.696	3.416	3.195	2.887	2.639	2.374	1.990	1.664	1.292	0.846	
120	3.642	3.373	3.160	2.860	2.617	2.358	1.980	1.658	1.289	0.845	
∞	3.481	3.290	3.090	2.807	2.576	2.326	1.960	1.645	1.282	0.842	

Compare these highlighted values with the significance testing highlighted values Table 6.

Tbl.11

Table of Random Normal Deviates $\mu = 0 \sigma = 1$ rg ∞

0.0872	0.8632	0.1685	-0.7522	1.4242	0.3977	-1.2193	0.9198	-0.9978
0.8760	-0.4296	1.2587	-0.2725	0.5872	-0.3627	-0.4658	-0.6546	-1.0739
-0.1555	1.3865	0.9808	0.8842	-0.5184	-0.5102	-1.2615	-1.1159	-1.3875
-0.5238	0.6177	-0.6386	-0.3266	0.6147	-1.6921	-1.0366	0.4827	-0.5360
0.9333	0.8702	0.7765	1.3892	-0.4782	-0.7038	-0.2256	-0.6235	-0.5029
-1.0375	-0.1066	0.6896	2.2259	-0.5724	1.1293	0.2556	0.8264	0.1595
0.4872	-0.3413	0.8153	-0.5047	-0.4327	-0.0585	-1.7029	-0.7668	-0.3151
0.0424	-1.5299	-2.3218	-1.8953	-0.3610	-1.1688	0.1415	0.7558	0.3683
-0.4354	-0.5521	1.3751	-0.3112	-0.7371	-1.3932	-0.4964	-0.2468	0.7604
0.2676	0.7818	0.3755	1.4191	0.0737	-0.3327	0.1539	1.1310	0.0297
-1.5694	-0.6477	-0.8974	1.1050	0.2899	2.1286	0.5948	0.6131	0.0063
1.1444	-1.5835	-1.2483	-0.6098	-1.1540	-0.7075	-0.0525	1.3256	1.5488
-1.7860	-1.3618	-0.1806	-0.1321	-0.5371	-1.0876	-1.2167	-1.1543	0.0291
-0.2609	0.3567	0.4111	0.2943	0.6132	1.5248	0.7319	1.1953	0.1898
-0.2243	0.7035	1.1759	0.7890	-1.6421	-0.5587	-1.5121	-0.7014	0.2463
-0.4744	1.1854	0.0568	-1.2988	0.5947	0.6748	-0.1877	-0.8989	-2.4817
-0.2566	-0.5476	-0.5264	-1.7323	-1.6356	0.1477	1.1651	-0.8081	0.5228
0.7125	-0.1397	0.1195	0.1929	-0.8596	1.1950	0.9125	1.2319	-0.1270
1.5573	0.5255	1.1114	0.9328	0.7845	0.5703	0.0277	-1.9924	-0.0157
-1.0132	1.0064	-1.2682	0.2943	0.3614	-0.1274	-0.3632	0.1032	-0.0144
0.0140	-0.5472	0.6108	-0.4800	1.3690	1.3896	-0.1865	-0.5256	0.4985
1.7130	-0.3212	0.2739	0.4334	-0.0528	0.4720	0.4150	-0.5249	0.7985
-0.4805	0.7355	-0.1578	0.7698	-0.5746	0.2642	-0.0212	-0.8499	-0.5836
-1.9372	-1.4605	-0.4873	2.1851	0.4318	-0.9134	-1.6061	1.5104	0.2594
-0.5431	-0.1152	1.0299	-0.5097	-0.6876	-2.1317	-0.4116	2.3121	-1.0051
0.3533	-1.7534	-1.3364	1.4824	1.2008	0.6029	0.8061	1.5433	-0.5360
0.7038	-1.4377	1.8302	-1.1003	-0.3091	0.4381	-0.7463	1.2679	-0.0532
-1.7486	-0.4542	-1.0377	0.2132	-1.0176	0.3941	-1.1047	-0.2623	0.1146
-0.2362	0.3500	1.9298	1.0228	0.6299	1.2034	-1.8697	-0.8791	0.4976
-0.2457	0.5078	-0.8521	0.7088	2.5590	0.6162	-1.2509	-1.1176	0.9011
-0.2023	0.4472	0.3895	-0.2481	-0.7379	1.0599	1.9281	0.4276	-0.5814
0.5335	-0.4919	1.2731	-0.1064	0.4794	0.5019	0.9204	-1.9538	1.2895
-0.3197	-1.6064	0.4987	0.7699	0.2456	1.2056	-0.7187	-2.6452	0.4517
-0.1350	1.3406	-0.2225	0.3398	-0.8908	0.7126	1.4138	-0.3531	-0.7262
-0.4941	1.3596	-0.2588	-0.2111	-0.4506	1.4980	1.2838	1.1554	0.8627
-1.8295	0.7016	-1.5195	-0.5268	0.1715	1.1912	0.8167	0.3593	-1.1471
-0.1107	0.0924	-0.3252	-0.0284	0.3344	-1.4904	1.4243	-0.7886	-1.4409
0.0954	0.6589	-0.6350	0.2625	0.0762	1.0706	0.9851	1.7247	-0.1123
0.1444	-0.2878	2.4999	-1.1400	-0.7363	0.0736	1.4773	0.8743	-0.0864
0.3688	-0.4566	-0.2231	0.3488	2.0646	1.1625	-0.6030	0.0642	1.7832

Tbl.12 Random Numbers

rg ∞

5568	0813	9599	0.975	0.95	8801	0529	0060	4049	6477	4634
1570	2557	3603	8781	7973	9575	4471	3283	0521	5984	1154
5392	9184	1587	9014	7268	8451	7862	5077	5683	9062	4321
0282	2355	1630	9829	7587	1785	3437	1136	8557	2139	3687
2784	4079	6617	9600	3494	7169	8351	7303	3814	8156	1827
2848	6085	0016	7649	5164	2931	7557	0680	6782	1311	5003
4236	5293	2612	5328	4591	1876	0309	2511	9500	0750	2046
0421	1509	0166	9972	4985	5984	8486	4816	3981	5635	6170
0697	3993	6510	4833	0972	3206	5709	3722	3271	4458	8572
7426	5641	5306	6562	3127	0360	4146	6075	1573	2914	7232
3117	2065	2957	9213	7695	4243	5186	5530	4552	8780	5138
7992	4354	9030	8777	8113	8334	0713	5966	3315	2931	4672
9737	9507	8963	9163	3384	3540	5132	5927	0139	8917	2702
6292	0501	6793	2469	8676	7831	7833	0214	7858	7046	2480
4298	3588	9412	7425	2791	4694	7662	3585	3867	6988	8489
5922	2767	4329	6191	1451	1288	9550	7976	1554	4763	3713
0019	0364	9448	7878	1799	4694	1530	2245	4507	8156	9677
7725	2356	4228	7794	9293	2972	1402	2226	9373	7008	7216
2247	7495	5486	0747	9966	1065	3017	1506	1978	4541	9212
7507	3723	8208	1989	3393	9290	1089	2540	2318	2979	7020
1680	2231	8846	4632	0498	5345	7071	2597	2268	0932	9297
1958	0382	9064	5418	7001	6239	6110	0613	1180	2624	9937
5417	8950	4530	3511	5605	9740	6827	6130	8353	3203	6266
1736	3480	4995	2895	7469	1505	3499	3957	2237	7623	9051
7630	2759	0496	8567	8906	6029	3547	0198	1369	3492	1402
5420	3648	8794	0472	1533	3950	4341	5480	4200	3840	8085
7920	9186	6596	1243	3426	6852	5140	5044	2807	7905	5117
0873	6060	1720	0047	3582	0639	6730	7649	7505	2484	1129
0899	3037	5554	2229	9341	6729	5380	2443	3650	7521	3880
3629	4605	8125	6880	6463	5349	7979	4525	5958	9010	0186
5776	6693	8826	7365	6796	9538	3607	4958	9228	4496	4019
8363	9951	6082	8386	1361	1345	1786	3480	2526	8888	9724
5131	3511	5303	3977	7015	0639	8724	1664	1749	6323	8508
6130	3772	6151	7323	8466	2810	4808	8151	8244	5803	5516
0552	7259	8814	1294	8640	5763	0403	6517	3401	3131	5511
1827	4419	5444	9862	9169	8149	5232	2811	3524	6796	4735
4255	3699	5494	8694	6284	2932	5967	8239	6988	5925	3481
4912	7695	3233	5928	9113	9923	4510	5081	2030	2897	7997
9903	4380	8835	8492	6141	6109	8789	6110	9347	5763	6091
6733	1234	0550	6904	6829	7194	9089	4576	2639	9556	1939

Tbl.12 Random Numbers

rg ∞

1818	6321	5996	9542	6153	0221	6777	6299	6907	2456	6865
7320	7848	0614	0000	2375	1435	5916	3878	1413	4988	7716
6982	5722	9495	6804	1490	9356	2667	4232	2208	8881	2645
6532	9081	9835	7248	8286	6405	5857	6098	5161	4407	7173
8224	6239	4950	0393	3254	3534	5167	3847	5394	3800	9352
4861	1825	8102	4470	6989	8987	5496	7501	2656	1253	9306
4930	0501	3833	6955	4942	8147	3405	7394	3743	2416	5081
4077	7131	8071	7190	6225	1254	7663	7343	6219	5429	1759
7487	2819	2772	4794	7068	6783	9208	2973	5422	6958	0079
4406	4045	7770	7585	3912	2806	6560	9686	7019	4905	6576
4093	2222	0079	8114	7274	3965	3766	1884	2323	1615	2794
8004	5741	2703	1715	7530	8359	2395	2984	7530	5971	9455
2272	2971	9118	2000	8306	4869	8999	5522	8116	9722	4249
3268	2960	1569	9984	9248	7739	5652	9725	0355	0501	8819
1616	5162	9188	0753	4475	1435	1120	9561	8998	8881	9287
7157	3713	3336	1043	0959	7285	4555	2243	0416	4864	3728
5165	0993	6250	6441	0487	8542	3121	9362	0128	0211	4877
7955	0872	9353	5136	9007	9332	0953	6509	5569	3290	7668
9156	5275	7878	3552	2121	7417	2208	1091	2744	0124	1902
0611	4528	8370	4637	6671	3640	4808	6151	3900	5736	6123
1882	4466	8450	3871	2213	9088	6933	0939	7076	4364	5286
9274	7598	0050	9957	4542	7367	5544	8265	3619	1216	5474
6493	9449	9206	9474	5251	1312	5865	4892	4980	7298	2866
1323	2943	4795	0576	8011	3756	6083	0505	2473	6388	1329
6785	0730	0001	9226	7786	4847	0478	0298	8003	1522	1283
8523	9025	6138	5722	8544	8189	3223	0921	5811	2730	2753
1860	8934	2387	8725	8782	4842	8072	8983	2618	5699	0296
9261	3539	5832	0839	2064	9052	2860	2649	6205	2477	9158
4615	3188	6012	4899	2165	1259	6072	4447	2504	1600	3254
1808	6708	9884	2053	1887	9685	6605	5786	8906	7073	1153
7037	2336	4463	7934	3334	5712	7596	8140	5092	9195	3341
9675	0927	2856	6788	8692	1330	1224	2118	5400	7708	9108
6639	1533	5485	0572	5810	3531	6797	5256	0046	1172	1931
1799	7308	2509	3150	8243	1923	0337	3863	4064	4031	0688
9715	0078	0019	8671	1107	6345	0393	5531	9645	2061	7675
2695	6039	5081	2157	7708	6229	8407	4908	7314	8388	4153
4925	1592	1334	6321	4461	7328	6107	8874	8038	4566	5822
9789	4619	0745	3750	5214	1209	2760	9878	9900	7078	3178
9186	2208	1551	1299	1287	5025	1616	5443	3082	0325	0428
7848	9211	5787	3783	4637	4195	5443	1991	3927	4207	2957

Counting

No.	Greek	Latin
1	mono	uni
2	duo	bi
3	tri	tri
4	tetra	quad
5	penta	quin
6	hexa	sex
7	hepta	sept
8	octo	oct
9	nona	non
10	deca	dec

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Although the formulae and expressions given have been individually derived and checked errors do creep in. The booklets are also continuously updated.

If you would like the latest issue, just email me at robert.goodhand@gmail.com